

SOME NEW COMBINATIONS IN THE ICELANDIC FLORA

Áskell Löve

5780 Chandler Court, San Jose CA 95123

Studies in connection with a revised English edition of a manual of the Icelandic Flora (Love, A. 1970, 1977, 1981: *Íslensk ferðaflora*; 1982: *Flora of Iceland*. Reykjavík) strongly support a division of the traditionally collective genus Saxifraga into smaller natural genera that are separated by distinct morphology and cytology and also by strong barriers to crossability. The same is true for the collective genera Linum and Gentianella. Only the last observation demands a new generic name, but the adoption of already available epithets for the other groups requires some nomenclatural transfers for species and subspecies not previously validated in their new combinations. The same is true for a North Atlantic race of the genus Steris Adanson, which replaces the younger Viscaria Bernh. (Šourková, M. 1976: *Novit. Bot. Univ. Prag.* 1973-1975:25-28.).

STERIS ALPINA (L.) Šourková ssp. **BOREALIS** (Böcher) A. Löve, **comb. nov.**, based on Viscaria alpina (L.) D. Don ssp. borealis Böcher, 1963, *Biol. Skr. Danske Vidensk. Selsk.* 11,6:27.

CHONDROSEA COTYLEDON (L.) Á. Löve, **comb. nov.**, based on Saxifraga cotyledon L., 1753, *Spec. Plant.*:398.

CHONDROSEA PANICULATA (Mill.) Á. Löve, **comb. nov.**, based on Saxifraga paniculata Miller, 1768, *Gard. Dict.* ed. 8, No. 3.

CHONDROSEA PANICULATA ssp. **NEOGAEA** (Butters) Á. Löve, **comb. nov.**, based on Saxifraga aizoon Jacq. var. neogaea Butters, 1944, *Rhodora* 46:61.

HIRCULUS RANUNCULOIDES Haw. ssp. **ALPINA** (Engler) Á. Löve, **comb. nov.**, based on Saxifraga hirculus L. var. alpina Engler, 1872, *Monogr. Gattung Saxifraga*:124.

MUSCARIA CESPITOSA (L.) Haw. ssp. **LAXIUSCULA** (Engler & Irmscher) Á. Löve, **comb. nov.**, based on Saxifraga cespitosa L. ssp. cespitosa f. laxiuscula Engler & Irmscher, 1916, in Engler, *Das Pflanzenreich* IV,117:371.

MUSCARIA DECIPIENS (Ehrh.) Á. Löve, **comb. nov.**, based on Saxifraga decipiens Ehrh., 1790, *Beitr. Naturk.* 5:47 (cf. Rauschert, S. 1977, *Feddes Repert.* 88:307-321.

CATHARTOLINUM CATHARTICUM (L.) Small ssp. **SUECICUM** (Hayek) Á. Löve, **comb. nov.**, based on Linum suecicum Hayek, 1906, Mag. Bot. Lap. 5:278.

ARCTOGENTIA Á. Löve, **gen. nov.**, based on Gentiana subg. Gentianella sect. Arctophila Grisebach, 1839, Gen. et Spec. Gentianearum:250. Typus generis: Arctogentia aurea (L.) Á. Löve.

ARCTOGENTIA AUREA (L.) Á. Löve, **comb. nov.**, based on Gentiana aurea L., 1762, Spec. plant. ed. 2:331.